

gotan insects, and, from the above-cited evidence, I feel confident that a more thorough study of the matter, based upon the examination of more of the primitive representatives of each order than are at present available for study, will merely confirm the contention that "honey-yellow to brown" was the prevalent color among the ancestral Pterygotan insects.

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### NOTES ON HYMENOPTEREA PARASITICA.

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*Hypopteromalus percussor* n. sp.—Female: Like the genotype but differs as follows: the femora are metallic at proximal half (caudal ones nearly entirely metallic), the flagellum is darker. Types compared.

From two females reared from the larvæ of *Zotheca tranquilla*, Wenatchee, Wash., June 22, 1916 (E. J. Newcomer). Types: Cat. No. 20,970, U. S. Nat. Mus., the females on tags, hind tibiæ and heads on a slide.

*Eupteromalus sarcophagæ* Gahan.—Differs from *Meroporus utibilis* Tucker in having the distinct lateral carinæ on the propodeum and the much longer than wide propodeal spiracle (mandibles not compared nor other parts); from *Halizoa rufipes* Ashm. in the cylindrical antennæ, lesser size and perhaps otherwise; from *Meroporus dubius* Ashm. not at all. Types compared.

*Neomphaloidomyia* n. gen. Tetrastichini.—The same as *Neomphaloides* but the scutum without a median groove, the antennæ with four ring-joints (1 and 4 large, equal). Stylus of abdomen very long, nearly as long as the ovipositor, which is extruded for a length equal to two thirds of the abdomen and is no wider than the stylus (*i. e.*, its valves are not). Tooth 3 of mandible truncate. Male scape compressed, with fine, sharp saw-teeth along its ventral margin, 4 funicle, 3 club and ring-joints. Genotype: *Hyperteles polynemæ* Ashm.

*Neomphaloidella irvingi* n. sp.—Female: Similar to *Aprostocetus canadensis* Ashm., but differing notably in that the funicle joints are twice longer than wide. Second two ring-joints very short.

One female, Springer, N. M. (C. N. Ainslie). Type: Cat. No. 21,011, U. S. Nat. Mus., the female on a tag, the head on a slide.